

### **Abstract of the Disclosure**

The invention provides a flame-retarding and smoke-suppressing fabric including a cloth fabric 33.0 to 1400.0 grams per square meter, an adhesive binder 12.0 to 1050.0 grams per square meter of the cloth fabric, and an additive powder 120.0 to 6250.0 grams per square meter of the cloth fabric, the additive powder further including, by weight, a phosphate-based catalyst 30.0 to 41.0%, a carbonific 22.0 to 29.0%, a blowing agent 15.5 to 17.5%, a cementitious inorganic binder 21.0 to 25.0, and a ceramic 2.50 to 5.00.